

# Air Circuit Breakers Series ME10



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#### Series ME10



The new serie ME10 has been designed as a Modern 'Power Circuit Breaker' without neglecting its AEG's heritage of more than 50 years in building Air Circuit Breakers.

The ME10 range of Power Circuit breakers encompasses a line of 3 and 4 pole Air Circuit Breakers with Nominal Currents ranging from 400 to 6400Amp in four basic envelopes. (see diagram).

One of the most important user parameters is not the nominal rating of an 'Air Circuit Breaker' in free air but its current Rating within a panel or enclosure.

Breakers 'enclosed ratings' are determined by the heat dissipation produced by the device and its ability to carry current at the temperature within the enclosure.

ME10 Power Circuit breakers have been designed with low Power dissipation values and allow relatively high currents at high ambient temperatures.

The serie ME10 has been designed to offer an uncompromising combination of a fast interruption at high fault levels attaining values of 40 Milliseconds or less whilst maintaining selectivity. The electronic trip unit, already in its basic model, is equipped with protection channels for overload and short-circuit with delay adjustment intervention, in a wide range of bands of time

Optionally a full network measurement device can be installed on the device. Relays can be included to trip the breaker on Voltage Unbalance, Current Unbalance, Power reversal



etc. The device can be equipped with Communication for use with the Modbus or Profibus protocol whilst events as Overload, Short-circuit and Groundfaults can be tracked, the RELT function to protect Service Personnel against the bazards of Short Circuits

hazards of Short Circuits.

Independent of the number of poles, rated current or interruption rating, each of the two patterns has a common height, depth and cut-out dimension.

This strongly simplifying the design of panels and equipment in which these devices are used.

The basic breaker width has been optimized to allow for space to connect in- and outgoing bus bars and cables. Both Fixed and Draw-out Power Circuit Breaker types are supplied with rear

connections suitable for Rear Access Horizontal busbar connection.

A large range of internal accessories as Electrical Operators, up to four Shunt Releases, Closing Coils or Undervoltage releases, Interlock Coils, Auxiliary and Alarm contacts, Carriage switches, Coil indication contacts and Breaker status switches are available.





			AT04	. AT16	AG	04 AG	20	AG	25	A	G32, AG4	10	AG50	AG64
			R	K	S	N	М	N	М	N	М	G	М	М
Number of poles			3,	4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3,4	3, 4	3, 4	3, 4
Rated insulation voltage Ui		(V)	10	00	1000	1000	1250	1000	1250	1000	1250	1000	1000	1000
Rated impulse withstand voltage Uim	р	(kV)	1	2	12	12	12	12	12	12	12	12	12	12
Rated operational voltage Ue	AC	(V)	6	90	690	690	1000	690	1000	690	1000	690	690	690
	DC	(V)					1000		1000		1000			
Envelope				Г	1	1	1	2	2	2	2	3	3	3
Category of use				3		В			3		В		В	В
Suitable for use as an isolator			Y	es		Yes		Ye	es		Yes		Yes	Yes
Rated current In	at 50°C	(A)	400, 63	80, 800,	40	0, 630, 8	00,	25	00	3	200, 400	0	5000	6400
			1000,	1250,	1	000, 125	0,							
			16	00	1	600, 200	0							
Ultimate breaking capacity Icu	230/240V - 440	OV AC (kA)	50	65	50	65	100	65	100	65	100	100	100	100
	500V AC	(kA)	50	50	50	65	100	65	100	65	100	100	100	100
	690V AC	(kA)	42	42	40	50	85	50	85	50	85	100	100	100
	1000V AC	(kA)					50		50		50			
Service breaking capacity Ics	230/240V - 440	OV AC (kA)	50	50	50	65	100	65	100	65	100	100	100	100
	500V AC	(kA)	50	50	50	65	100	65	100	65	100	100	100	100
	690V AC	(kA)	42	42	40	50	85	50	85	50	85	100	100	100
	1000V AC	(kA)	T				50		50		50			
Short-circuit withstand Icw	Icw 1 sec.	(kA)	42	50	50	65	85	65	85	65	85	100	100	100
	Icw 3 sec.	(kA)	30	30	42	50	50	50	50	50	50	85	85	85
Short-circuit Making current Icm	220-500V AC	(kA peak)	105	105	105	143	220	143	220	143	220	220	220	220
	690V AC	(kA peak)	88,2	88,2	84	105	187	105	187	105	187	220	220	220
Ultimate breaker capacity Icu	250V DC 1	P (kA)					65		50		65			
= Service breaking capacity Ics	500V DC 2	P (kA)					50		35		50			
DC L/R=15ms (nr. of poles in series)	750V DC 3	P (kA)					35		20		35			
(for DC a special RCD is required)	1000V DC 3	P (kA)		[			30		30		30			
Single phase breaking capacity I,,	220-500V AC	(kA)		30			50		50		50			
<del></del>	690V AC	(kA)		24			50		50		50			
Mechanical endurance 1	with maintenar	ice	20	000	20000	20000	10000	20000	10000	20000	10000	10000	10000	1000
	without mainte	nance	12	500	12500	12500	5000	10000	5000	10000	5000	5000	5000	5000
Electrical endurance at 440V AC	without mainte	nance	60	00	10000 ²	10000°	5000	6000	5000	5000	5000	2500	1500	1500
Electrical endurance at 690V AC	without mainte	nance			8000³	8000 <sup>3</sup>	5000	5000	5000	2500	2500	1500	1000	1000
Electrical endurance at 1000V AC	without mainte	nance			500	500	500	l	500		500	l	l	
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(2) 2000A type: 8000 operations (3) 2000A type: 6000 operations

			A704 A716	A3(W)	04 AJ	(W)20	AJ(V	V) 25	AJ(W)32	, AJ(W)40	AJ50	AJ64
			R	S	N	M	N	M	N N	M	L	L
Number of poles			3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4
Rated insulation voltage Ui		(V)	1000	1000	1000	1250	1000	1250	1000	1250	1000	1000
Rated impulse withstand voltage Uin	1p	(kV)	12	12	12	12	12	12	12	12	12	12
Rated operational voltage Ue	AC	(V)	690	690	690	1000	690	1000	690	1000	1000	690
	DC	(V)				1000		1000		1000	750	750
Envelope			T	1	1	2	2	2	2	2	3	3
Rated current In In	at 50°C	(A)	400, 630, 800,		0, 630, 8		25	00	3200	, 4000	5000	640
			1000, 1250,	1	000, 125	0,						
			1600	1	600, 200	0	,			<b></b>		
Short-circuit withstand Icw	Icw 1 sec.	(kA)	42	50	65	85	65	85	65	85	100	100
	Icw 3 sec.	(kA)	30	42	50	50	50	50	50	50	85	85
Short-circuit Making current Icm		(kA peak)	75	88,2	143	187	105	187	105	187	220	220
										ļ		ļ
Mechanical endurance 1	with maintena		20000	20000	20000	10000	20000	10000	20000	10000	10000	100
	without maint		12500	12500	12500	5000	10000	5000	10000	5000	5000	500
Electrical endurance at 440V AC	without maint		6000	10000°	10000°	5000	6000	5000	5000	5000	1500	150
Electrical endurance at 690V AC	without maint			80003	80003	5000	5000	5000	2500	2500	1000	100
Electrical endurance at 1000V AC	without maint	enance				500		500		500	300	300
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(2) 2000A type: 8000 operations
(3) 2000A type: 6000 operations

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	In (A)	Envelope	Cat	3 Poles	C.1. 1	4 Poles	
			Cat. number	Ref. number	Cat. number	Ref. number	
type	400	ME10-T	ATO4R4	445230	ATO4R6	445245	
I = Ics = 50kA	630	ME10-T	ATO7R4	445231	ATO7R6	445246	
v = 42kA	800	ME10-T	ATO8R4	445232	AT08R6	445247	ļ
	1000	ME10-T	AT10R4	445233	AT10R6	445248	
	1250	ME10-T	AT13R4	445234	AT13R6	445249	l
	1600	ME10-T	AT16R4	445235	AT16R6	445250	<u> </u>
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		MF10 1	ACO/5/	//5202		//5202	ļ
ype ı = Ics = Icw	400	ME10-1	AG04S4	445292	AG04S6	445293	
	630	ME10-1	AG07S4	445296	AG07S6	445297	ļ
v = 50kA	800	ME10-1	AG08S4	445300	AG08S6	445301	
G.	1000	ME10-1	AG10S4	445304	AG10S6	445305	
	1250	ME10-1	AG13S4	445308	AG13S6	445309	
	1600	ME10-1	AG16S4	445312	AG16S6	445313	l
	2000	ME10-1	AG20S4	445316	AG20S6	445317	
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:ype	400	ME10-T	ATO4K4	445236	AT04K6	445251	ļ
I = Ics = 65kA	630	ME10-T	ATO7K4	445237	AT07K6	445252	ļ
v = 50kA	800	ME10-T	AT08K4	445238	AT08K6	445253	<u> </u>
	1000	ME10-T	AT10K4	445239	AT10K6	445254	l
	1250	ME10-T	AT13K4	445240	AT13K6	445255	1
	1600	ME10-T	AT16K4	445241	AT16K6	445256	1
	1000				711 20110	445250	
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type	400	ME10-1	AG04N4	445322	AG04N6	445323	1
i = Ics = Icw	630	ME10-1	AG07N4	445326	AG07N6	445327	1
v = 65kA	800	ME10-1 ME10-1	AGO7N4 AGO8N4	445330	AGO7N6	445327	·····
V = OOKA							
	1000	ME10-1	AG10N4	445334	AG10N6	445335	ļ
	1250	ME10-1	AG13N4	445338	AG13N6	445339	ļ
	1600	ME10-1	AG16N4	445342	AG16N6	445343	
	2000	ME10-1	AG20N4	445346	AG20N6	445347	
	2500	ME10-2	AG25N4	445352	AG25N6	445353	l
	3200	ME10-2	AG32N4	445356	AG32N6	445357	
	4000	ME10-2	AG40N4	445360	AG40N6	445361	
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		M540.0	ACO(1)	//5267	*****	//5266	ļ
type	400	ME10-2	AG04M4	445367	AG04M6	445368	ļ
= Ics = 100kA	630	ME10-2	AG07M4	445371	AG07M6	445372	ļ
/ = 85kA	800	ME10-2	AG08M4	445375	AG08M6	445376	ļ
	1000	ME10-2	AG10M4	445379	AG10M6	445380	ļ
	1250	ME10-2	AG13M4	445383	AG13M6	445384	ļ
	1600	ME10-2	AG16M4	445387	AG16M6	445388	<u> </u>
	2000	ME10-2	AG20M4	445391	AG20M6	445392	l
	2500	ME10-2	AG25M4	445395	AG25M6	445396	1
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M type	3200	ME10-3	AG32G4	445402	AG32G6	445403	ļ
= Ics = Icw	4000	ME10-3	AG40G4	445406	AG40G6	445407	<u> </u>
v = 100kA	5000	ME10-3	AG50M4	445410	AG50M6	445411	l
	6400	ME10-3	AG64M4	445414	AG64M6	445415	
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h Horizontal Rear Connection, A		lock equipped	with 3NO and 3NC	contacts			



Isolators or Non Auto	omatic bre	akers exe	ecuted in a	fixed mounting	pattern		
	In	Envelope		3 Poles		4 Poles	_
	(A)		Cat. number	Ref. number	Cat. number	Ref. number	
R type	400	ME10-T	A704R4	445275	A704R6	445281	
Icw = 42kA	630	ME10-T	A707R4	445276	A707R6	445282	
	800	ME10-T	A708R4	445277	A708R6	445283	
	1000	ME10-T	A710R4	445278	A710R6	445284	
	1250	ME10-T	A713R4	445279	A713R6	445285	
	1600	ME10-T	A716R4	445280	A716R6	445286	
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S type	400	ME10-1	AJ04S4	445422	AJ04S6	445423	
Icw = 42kA	630	ME10-1	AJ07S4	445426	AJ07S6	445427	
	800	ME10-1	AJ08S4	445430	AJ08S6	445431	
	1000	ME10-1	AJ10S4	445434	AJ10S6	445435	
	1250	ME10-1	AJ13S4	445438	AJ13S6	445439	
	1600	ME10-1	AJ16S4	445442	AJ16S6	445443	
1	2000	ME10-1	AJ20S4	445446	AJ20S6	445447	1
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N type	400	ME10-1	AW04N4	445452	AW04N6	445453	
Icw = 65kA	630	ME10-1	AW07N4	445456	AW07N6	445457	
	800	ME10-1	AW08N4	445460	AW08N6	445461	
	1000	ME10-1	AW10N4	445464	AW10N6	445465	
Co.	1250	ME10-1	AW13N4	445468	AW13N6	445469	
	1600	ME10-1	AW16N4	445472	AW16N6	445473	
	2000	ME10-1	AW20N4	445476	AW20N6	445477	
	2500	ME10-2	AJ25N4	445482	AJ25N6	445483	
	3200	ME10-2	AJ32N4	445486	AJ32N6	445487	
	4000	ME10-2	AJ40N4	445490	AJ40N6	445491	
M type	400	ME10-2	AW04M4	445528	AW04M6	445529	
Icw = 85kA	630	ME10-2	AW07M4	445532	AW07M6	445533	
iew – oskot	800	ME10-2	AW08M4	445536	AW08M6	445537	
-	1000	ME10-2	AW10M4	445540	AW10M6	445541	
C. C.	1250	ME10-2	AW13M4	445544	AW13M6	445545	
	1600	ME10-2	AW16M4	445548	AW16M6	445549	
	2000	ME10-2	AW20M4	445552	AW20M6	445553	I
	2500	ME10-2	AW25M4	445497	AW25M6	445498	
	3200	ME10-2	AW32M4	445501	AW32M6	445502	
	4000	ME10-2	AW40M4	445505	AW40M6	445506	
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L type	3200	ME10-3	AJ32L4	445512	AJ32L6	445513	·
Icw = 100kA	4000	ME10-3	AJ40L4	445516	AJ40L6	445517	
	5000	ME10-3	AJ50L4	445520	AJ50L6	445521	
	6400	ME10-3	AJ64L4	445524	AJ64L6	445525	-
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With Horizontal Rear Connection, A	uxiliary contact b	lock equipped	with 3NO and 3NC	contacts			
For 1000V applications phase sepera	ators are required	· _					_



	In	Envelope		3 Poles		4 Poles
	(A)		Cat. number	Ref. number	Cat. number	Ref. number
			Vertical Re	ar Connection		
	400-1600	ME10-T	GT16H4RVI	444626	GT16H6RVI	444628
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	400-1600	ME10-1	G16H4RVI	408058	G16H6RVI	408082
	2000	ME10-1	G20H4RVIN	408059	G20H6RVIN	408083
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lede?	400-3200	ME10-2	G32M4RVI	408070	G32M6RVI	408071
V. Barrell	4000	ME10-2	G40M4RVI	408072	G40M6RVI	408074
- TE 10			1			
All do						
181	3200-6400	ME10-3	G64L4RVI	408073	G64L6RVI	408075
161 (43)						
			Event Acce	ssConnections		
	400-1600	ME10-T	GT16H4FFI	444625	GT16H6FFI	444627
	400 1000	PLIO I		444023		777027
0 00 00	400-1600	ME10-1	G16H4FFI	408060	G16H6FFI	408062
0	2000	ME10-1	G20H4FFI	408061	G20H6FFI	408063
0						
0						
_	400-3200	ME10-2 ME10-2	G32M4FFI	408066 408067	G32M6FFI G40M6FFI	408068 408069
	4000	ML10-2	G40M4FFI	406007	040M0FF1	406009
			1			
			Wall Mour	ting Brackets		
		ME10-1/2	GFMTG	408085	GFMTG	408085
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A cassette is needed
For 1000V applications phase seperators are required



Basic breakers in a							
	In (A)	Envelope	Cat	3 Poles	C-t -	4 Poles	
	(A)	ME40 T	Cat. number	Ref. number	Cat. number	Ref. number	
type u = Ics = 50kA	400	ME10-T	ATO4R1	445200 445201	ATO4R3	445215	
:u = 1CS = 50KA :w = 50kA	630	ME10-T	ATO7R1	445201	ATO7R3	445216	
W = 5UKA	800 1000	ME10-T ME10-T	AT08R1 AT10R1	445202	AT08R3 AT10R3	445217 445218	
	1250	ME10-1 ME10-T	AT13R1	445204	AT13R3	445219	
	1600	ME10-T	AT16R1	445205	AT16R3	445220	
	1000	PILIU-I	AITOKI	443203	AITOKS	443220	
20 35 20 20							
type	400	ME10-1	AG04S1	445290	AG04S3	445291	
cu = Ics = Icw	630	ME10-1	AG07S1	445294	AG07S3	445295	
w = 50kA	800	ME10-1	AG08S1	445298	AG08S3	445299	
W - SORA	1000	ME10-1	AG10S1	445302	AG10S3	445303	
	1250	ME10-1	AG13S1	445306	AG13S3	445307	
	1600	ME10-1	AG16S1	445310	AG16S3	445311	
2							
	2000	ME10-1	AG20S1	445314	AG20S3	445315	
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		ļ <u>ņ</u>	ATC / 1/2	//5006		//5004	
C type	400	ME10-T	AT04K1	445206	AT04K3	445221	
cu = Ics = 65kA	630	ME10-T	AT07K1	445207	ATO7K3	445222	
cw = 50kA	800	ME10-T	AT08K1	445208	AT08K3	445223	
	1000	ME10-T	AT10K1	445209	AT10K3	445224	
	1250	ME10-T	AT13K1	445210	AT13K3	445225	
	1600	ME10-T	AT16K1	445211	AT16K3	445226	
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l type	400	ME10-1	AG04N1	445320	AG04N3	445321	
cu = Ics = Icw	630	ME10-1	AG07N1	445324	AG07N3	445325	
cw = 65kA	800	ME10-1	AG08N1	445328	AG08N3	445329	
	1000	ME10-1	AG10N1	445332	AG10N3	445333	
	1250	ME10-1	AG13N1	445336	AG13N3	445337	
	1600	ME10-1	AG16N1	445340	AG16N3	445341	
8 14	2000	ME10-1	AG20N1	445344	AG20N3	445345	
	2500	ME10-2	AG25N1	445350	AG25N3	445351	
		1	1000114	//525/	4500110	//5255	
12 . 3	4000	ME10-2 ME10-2	AG32N1 AG40N1	445354	AG32N3 AG40N3	445355	
	4000	1-1110-2	704011	טנננדד	AU4UN3	77333	
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l type	400	ME10-2	AG04M1	445365	AG04M3	445366	
cu = Ics = 100kA		ME10-2 ME10-2	AG04M1 AG07M1	445369	AG07M3	445370	
cu = 1cs = 100kA cw = 85kA	630		AGO7M1 AGO8M1	445373	AGO7M3 AGO8M3	445374	
LW - OJKA	800	ME10-2					
	1000	ME10-2	AG10M1	445377	AG10M3	445378	
	1250	ME10-2	AG13M1	445381	AG13M3	445382	
	1600	ME10-2	AG16M1	445385	AG16M3	445386	
7	2000	ME10-2	AG20M1	445389	AG20M3	445390	
	2500	ME10-2	AG25M1	445393	AG25M3	445394	
		.					
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-M type	3200	ME10-3	AG32G1	445400	AG32G3	445401	
cu = Ics = Icw	4000	ME10-3	AG40G1	445404	AG40G3	445405	
cw = 100kA	5000	ME10-3	AG50M1	445408	AG50M3	445409	
	6400	ME10-3	AG64M1	445412	AG64M3	445413	
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	In (A)	Envelope	Cat number	3 Poles Ref. number	Cat. number	4 Poles Ref. number	
	, ,	ME40 T	Cat. number				
<b>type</b> w = 42kA	400	ME10-T ME10-T	A704R1 A707R1	445260 445261	A704R3 A707R3	445266 445267	
.W = 42KA	630 800	ME10-T	A707K1 A708R1	445262	A707R3	445268	
				445263		445269	
	1000	ME10-T	A710R1		A710R3		
	1250	ME10-T	A713R1	445264	A713R3	445270	
St. Comments	1600	ME10-T	A716R1	445265	A716R3	445271	
==3							
10 M							
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type	400	ME10-1	AJ04S1	445420	AJ04S3	445421	
:w = 50kA	630	ME10-1	AJ07S1	445424	AJ07S3	445425	
	800	ME10-1	AJ08S1	445428	AJ08S3	445429	
	1000	ME10-1	AJ10S1	445432	AJ10S3	445433	
	1250	ME10-1	AJ13S1	445436	AJ13S3	445437	
		ME10-1 ME10-1	AJ16S1	445440	AJ16S3	445441	
	1600		<b>  </b>	445444			
	2000	ME10-1	AJ20S1	447444	AJ20S3	445445	
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type	400	ME10-1	AW04N1	445450	AW04N3	445451	
cw = 65kA	630	ME10-1	AW07N1	445454	AW07N3	445455	
55.0.1	800	ME10-1	AW08N1	445458	AW08N3	445459	
	1000	ME10-1	AW10N1	445462	AW10N3	445463	
Q I	1250	ME10-1	AW13N1	445466	AW13N3	445467	
	1600	ME10-1	AW16N1	445470	AW16N3	445471	
	2000	ME10-1	AW20N1	445474	AW20N3	445475	
	2500	ME10-2	AJ25N1	445480	AJ25N3	445481	
	3200	ME10-2	AJ32N1	445484	AJ32N3	445485	
	4000	ME10-2	AJ40N1	445488	AJ40N3	445489	
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type	400	ME10-2	AW04M1	445526	AW04M3	445527	
w = 85kA	630	ME10-2	AW07M1	445530	AW07M3	445531	
	800	ME10-2	AW08M1	445534	AW08M3	445535	
G	1000	ME10-2	AW10M1	445538	AW10M3	445539	
	1250	ME10-2	AW13M1	445542	AW13M3	445543	
	1600	ME10-2	AW16M1	445546	AW16M3	445547	
	2000	ME10-2	AW20M1	445550	AW20M3	445551	
T.	2500	ME10-2	AW25M1	445495	AW25M3	445496	
:: =:	3200	ME10-2	AW32M1	445499	AW32M3	445500	
	4000	ME10-2	AW40M1	445503	AW40M3	445504	
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type	3200	ME10-3	AJ32L1	445510	AJ32L3	445511	
w = 100kA	4000	ME10-3	AJ40L1	445514	AJ40L3	445515	
	5000	ME10-3	AJ50L1	445518	AJ50L3	445519	
	6400	ME10-3	AJ64L1	445522	AJ64L3	445523	
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th Horizontal Rear Connection	Juxiliany contact h	lock equipped	with 3NO and 3NC	contacts			
th Horizontal Rear Connection, <i>I</i> cassette is needed	Auxiliary contact b	block equipped	with 3NO and 3NC	contacts			



Cassettes for Draw-c	out patteri	า				(for use	with Breakers &	Isolator
	In	Туре	Envelope		3 Poles		4 Poles	
	(A)			Cat. number	Ref. number	Cat. Number	Ref. number	
					used for Vertical or Ho		445604	1
	400-1600	R, K	ME10-T	AT16K2UM	445601	AT16K5UM	445604	
B <sub>n</sub>			····					
	400-1600	S	ME10-1	AG16S2UM	445611	AG16S5UM	445613	
	2000	S S, N	ME10-1	AG20H2UM	445615	AG20H5UM	445617	
	400-2000	N, M	ME10-2	AG20M2UM	445619	AG20M5UM	445621	
	2500	N, M	ME10-2	AG25M2UM	445623	AG25M5UM	445625	
	3200	N, M	ME10-2	AG32M2UM	445627	AG32M5UM	445629	
A. M. A.	4000 ¹	N, M	ME10-2	AG40M2UM	445631	AG40M5UM	445633	
- 101								
	3200-6400 <sup>2</sup>	G-M	ME10-3	AG64L2UM	445634	AG64L5UM	445635	
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				Front Access (	Connections			
	400-1600	R, K	ME10-T	Front Access (	Connections 445600	AT16K5FM	445603	
	400-1600	R, K	ME10-T			AT16K5FM	445603	
	400-1600	R, K	ME10-T			AT16K5FM	445603	
				AT16K2FM	445600			
	400-1600	S	ME10-1	AT16K2FM AG16S2FM	445600 445610	AG16S5FM	445612	
				AT16K2FM	445600			
	400-1600	S S, N	ME10-1 ME10-1	AT16K2FM  AG16S2FM  AG20H2FM	445600 445610 445614	AG16S5FM	445612	
	400-1600 2000 400-2000	S S, N N, M	ME10-1 ME10-1 ME10-2	AG16S2FM AG16S2FM AG20H2FM	445610 445614 445618	AG1655FM AG20H5FM AG20M5FM	445612 445616 445620	
	400-1600 2000 400-2000 2500	S S, N N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2	AG16S2FM AG16S2FM AG20H2FM AG20M2FM AG25M2FM	445610 445614 445618 445622	AG1655FM AG20H5FM AG20M5FM AG25M5FM	445612 445616 445620 445624	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500	S S, N N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2	AG16S2FM AG16S2FM AG20H2FM AG20M2FM AG25M2FM	445610 445614 445618 445622	AG1655FM AG20H5FM AG20M5FM AG25M5FM	445612 445616 445620 445624	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
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	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
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	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	
	400-1600 2000 400-2000 2500 3200	S S, N N, M N, M N, M	ME10-1 ME10-1 ME10-2 ME10-2 ME10-2	AG16S2FM AG20H2FM AG20M2FM AG25M2FM AG25M2FM AG32M2FM	445610 445614 445618 445618 445622 445626	AG16S5FM AG20H5FM AG20M5FM AG25M5FM AG32M5FM	445612 445616 445620 445624 445628	

<sup>1)</sup> Cassettes for envelope 2 are limited to a current of 3200A when connected in horizontal mode
2) The Cassette for envelope 3 is limited to a current of 5000A when connected in horizontal mode

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Ut protection Class C 0.5 40 Neutral protection (50%-57%-100%) Stort-circular setting 1.5 120 Stort-ci	ic Trip Units		Description	Catalogue	Reference
Li protection   Overload current setting 1-0-2 Lin   GTGOOK1-SF   A08800			Description	-	
Clas C 0, 5 40 Neutral protection (50%-63%-100%) Thermal memory Stop-decived setting 1, 5 121r Time delay adjustable 30 540ms The protection  Measurement, Consent 1, 12, 12, 13 Time delay adjustable 30 540ms To protection  Li protection  Overload current setting 1, 5 121r Time delay adjustable 30 540ms To protection  Measurement, Consent 1, 12, 13 To present 1, 12, 13 To protection  Overload current setting 1, 5 121r The memory Stop-decive securion  Overload current setting 1, 5 121r The memory Stop-decive securion  Overload current setting 1, 5 121r The stop of the securion (50%-63%-100%) Thermal memory Stop-decive securion  Measurement Current 1, 12, 13 Diagnostic Time bands available I extended protection Modus Time bands available I protection Ginnard fault cetting 0, 1 110 Time delay adjustable 30 840ms I respective securion  Measurement Current 1, 12, 13 Diagnostic Time bands available I extended protection Modus Time bands available I protection  I protection  Class C 0, 5 40 Rest protection  Non-directive street in protection  Time delay adjustable 30 840ms I respective securion  Fit protection films bands available Standaneous short circuit setting 2 301e Modus Communication  Time delay adjustable 30 840ms I protection  Standaneous short circuit setting 2 301e Measurament Current time bands available Standaneous short circuit setting 2 151e Standaneous short circuit setting 2 151e Standaneous short circuit setting 2 151e Fixed intantaneous or HSOC protection  RELI Standaneous short circuit setting 2 151e Standaneous short circuit setting 2 151e Fixed intantaneous or HSOC protection  Fit protection  Time delay adjustable 30 840ms I respective to the power Peak and demand power Pe		1 m		CTCOOK4 CT1	/2222
Neural protection (SON-6-57s-100%)   Themal memory   ST protection   Short-ficiral setting 1,5 127   Thin delay adjustable 30 940ms   Ft protection   Constitution		Li protection		GIGOOK1-SF	408800
Thermal memory   Short-circuit setting 1,5 121r   Time delay adjustable 30 946ms   Fly protection   Time pands available   Time p					
ST protection  Short-ficult setting 1.5 121 Time delay adjustable 30 940ms IP, protection time hands available Current 1.1.2. 1.2 Linip season indication Timp counter Event logger Watchdog GT-Rating Plug Grequired for all types)  LT protection  Gred frait setting 0.1 11m Time delay adjustable 30 840ms IP, protection time bands available GT-Rating Plug Grequired for all types)  LT protection  Coverload current setting 1-0.2 11n Gall adjustable 30 940ms IP, protection (50%-63%-100%) Hernal memory Short-ficult setting 1.5 121r Time delay adjustable 30 940ms IP, protection time bands available Canale I Istantaneous short circuit setting 2 151e Selective execution Measurement. Diagnostic  Fig roses indication Tip counter Watchdog  GF-Rating Plug Grequired for all types)  Tip rotection  Ground fault setting 0,1 11n Time delay adjustable 30 940ms IP, protection indication Tip counter Watchdog  Greating Plug Grequired for all types)  Tip rotection  Grand fault setting 0,1 11n Time delay adjustable 30 940ms IP, protection time bands available I extended protection Worldow  GF-Rating Plug Grequired for all types)  GFD  GFD  GFD  GFD  GFD  GFD  GFD  GF	1				
Pit protection time bands available   Current L1, 12, 13	AEG	ST protection			
Measurement   Current L.1.   L.1.   L.1.			Time delay adjustable 30 940ms		
Diagnostic   Trip reason indication   Trip counter   Event logger   Watchdog					
Tip counter Event logger Watchdog  ** GF protection Ground fault setting 0,1 11n Time delay adjustable 30 84 oms Pt protection time bands available  GF-Rating Plug (required for all types) GTPUNI 408860  LT protection Overload current setting 1F-0,2 11n Class C 0,5 40 Neutral protection (20%-63%-100%)  Thermal memory.  ST protection Short-circuit setting 1,5 121r Time delay adjustable 30 94 oms Pt protection time bands available  Canale I Stantaneous short circuit setting 2 15le Selective execution Fried site and source of the setting 2 15le Selective execution Fried site and source of the setting 2 15le Selective execution Through the setting 2 15le Selective execution Fried site and savailable.  I extended protection I mice bands adjustable 30 84 oms Pt protection time bands available.  I extended protection firm bands available.  I extended protection firm bands available.  I extended protection Stantaneous short circuit setting 2 30le Modus communication (CF-Rating Plug (required for all types) GTPNI 408860  Tip protection Stantaneous of the Setting 2 15le Selective secution Firm delay adjustable 30 94 oms Pt	status				
Fewer Logger   Fewe		Diagnostic			
### GF protection   Ground fault setting 0,1 11n   Ground 2, 24   GF protection   Ground fault setting 0,1 11n   GF protection   Ground fault setting 0,1 11n   GF protection   GF pr	manual auto				
+ GF protection  Ground fault setting 0,1 11n Time delay adjustable 30 840ms  For protection  GF-Rating Plug  Grequired for all types)  GFPUNI  408803  LT protection  Overload current setting 1F-0,2 11n Class C 0,5 40 Neutral protection (50%-63%-100%) Themain lemony  ST protection  ST protection  Stort-circuit setting 1,5 121r Time delay adjustable 30.s. 440ms For level togger Wetchdog  + GF protection  Measurement  Ground fault setting 0,1 11n Tipe reason indication Tipe counter Event logger Wetchdog  Ground fault setting 0,1 11n Time delay adjustable 30 840ms For level togger Wetchdog  Toprotection  Ground fault setting 0,1 11n Time delay adjustable 30 840ms For level togger Wetchdog  Toprotection  Ground fault setting 0,1 12n Tipe reason indication Tipe counter Event logger Wetchdog  Toprotection  Ground fault setting 0,1 12n Time delay adjustable 30 840ms For level togger Wetchdog  Toprotection  Ground fault setting 0,1 12n Tipe delay adjustable 30 840ms For level togger Wetchdog  GF-Rating Plug  (required for all types)  GFPUNI  408809  Toprotection  Ground fault setting 0,1 12n Time delay adjustable 30 840ms For level togger Wetchdog  GFPUNI  408809  Toprotection  Ground fault setting 0,1 12n Time delay adjustable 30 840ms For level togger Wetchdog  GFPUNI  408809  Toprotection  GFPUNI  408809  Toprotection  GFPUNI  408809  Toprotection  GFPUNI  408809  Toprotection  GFPUNI  408809  GFPUNI  408809  Toprotection  GFPUNI  408809  GFPUNI  408809  Toprotection  GFPUNI  408809  Topro	← 1				
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Time delay adjustable 30 840ms   Ft protection time bands available		GE protection	Ground fault setting 0.1 1In	GTGOOK2-SR	//N88N2
Protection time bands available   GT-Rating Plug   (required for all types)   GT-S   GT-S		di piotection		GIGGORE-SK	400002
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### Event logger Watchdog  ### GF protection    Ground fault setting 0,1 IIn   Time delay adjustable 30 840ms   Pt. protection time bands available   I extended protection   Modbus   Modbus communication   GT-Rating Plug   (required for all types)   GTPUNI   408860      LT protection   Class C 0,5 40   Neutral protection (50%-63%-100%)   Thermal memory   ST protection   Short-circuit setting 1,5 121r   Time delay adjustable 30 940ms   Pt. protection time bands available   I protection   Istantaneous short circuit setting 2 151e   Selective execution   Fixed istantaneous or HSOC protection      REII		Diagnostic			
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Trip counter Event logger Watchdog  Input/Output 2 electronic inputs 2 general relay outputs  + GF protection Ground fault setting 0,1 1In Time delay adjustable 30 840ms I*t protection time bands available I extended protection Istantaneous short circuit setting 2 30Ie ZSI Zone selective interlock Modbus Modbus communication  Trip counter Event logger Watchdog  GTG00K4T6SR 408819  408819  Tomographic selective setting 2 30Ie Modbus Modbus communication	atotas reset monuel outo	LT protection  ST protection  I protection  RELT	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%)  Thermal memory  Short-circuit setting 1,5 12Ir  Time delay adjustable 30 940ms  I*t protection time bands available  Istantaneous short circuit setting 2 15Ie  Selective execution  Fixed istantaneous or HSOC protection  Istantaneous 40ms  Current L1, L2, L3  Voltage L1, L2, L3  Energy (kWh)  Real, apparent, reactive, total power  Peak and demand power	GTG00K9-4SF <sup>1</sup>	
Watchdog Input/Output 2 electronic inputs 2 general relay outputs  + GF protection Ground fault setting 0,1 1In Time delay adjustable 30 840ms I't protection time bands available I extended protection Istantaneous short circuit setting 2 30Ie ZSI Zone selective interlock Modbus Modbus communication	atotas reset	LT protection  ST protection  I protection  RELT  Measurament 2	(required for all types)  GT-N  Class C 0,5 40 Neutral protection (50%-63%-100%) Thermal memory Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I*t protection time bands available Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency	GTG00K9-4SF <sup>1</sup>	
Input/Output 2 electronic inputs 2 general relay outputs  + GF protection Ground fault setting 0,1 1In Time delay adjustable 30 840ms I't protection time bands available I extended protection Istantaneous short circuit setting 2 30Ie ZSI Zone selective interlock Modbus Modbus communication  GTG00K4T6SR 408819  GTG00K4T6SR 408819  Tome delay adjustable 30 840ms I't protection time bands available I extended protection And Modbus Advanced and Modbus and Modbus communication	AEG status reset marical auto	LT protection  ST protection  I protection  RELT  Measurament 2	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I²t protection time bands available Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter	GTG00K9-4SF <sup>1</sup>	
2 general relay outputs  + GF protection Ground fault setting 0,1 1In Time delay adjustable 30 840ms I't protection time bands available I extended protection Istantaneous short circuit setting 2 30Ie ZSI Zone selective interlock Modbus Modbus communication  GTG00K4T6SR 408819  408819  Togografie delay adjustable 30 840ms I't protection time bands available Solve available Advanced available Modbus Modbus communication	AEG stoke reset monual auto	LT protection  ST protection  I protection  RELT  Measurament 2	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%)  Thermal memory  Short-circuit setting 1,5 12Ir  Time delay adjustable 30 940ms  I*t protection time bands available  Istantaneous short circuit setting 2 15Ie  Selective execution  Fixed istantaneous or HSOC protection  Istantaneous 40ms  Current L1, L2, L3  Voltage L1, L2, L3  Energy (kWh)  Real, apparent, reactive, total power  Peak and demand power  Frequency  Trip reason indication  Trip counter  Event logger	GTG00K9-4SF <sup>1</sup>	
+ GF protection Ground fault setting 0,1 1In Time delay adjustable 30 840ms I't protection time bands available I extended protection Istantaneous short circuit setting 2 30Ie ZSI Zone selective interlock Modbus Modbus communication	AEG stotos reset	LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup>	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory  Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I²t protection time bands available Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms  Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog	GTG00K9-4SF <sup>1</sup>	
Time delay adjustable 30 840ms I²t protection time bands available I extended protection Istantaneous short circuit setting 2 30Ie ZSI Zone selective interlock Modbus Modbus communication	a storus reset mornodi auto	LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup>	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory  Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I²t protection time bands available  Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms  Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog 2 electronic inputs	GTG00K9-4SF <sup>1</sup>	
I't protection time bands available I extended protection	AEG  stokes  reset  morner outp	LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup>	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory  Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I²t protection time bands available  Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms  Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog 2 electronic inputs	GTG00K9-4SF <sup>1</sup>	
I extended protection	AEG  stricks  reset  moreous outp	GT-Rating Plug  LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup> Diagnostic  Input/Output	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I*t protection time bands available Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog 2 electronic inputs 2 general relay outputs  Ground fault setting 0,1 1In	GTG00K9-4SF <sup>1</sup>	408813
ZSI Zone selective interlock  Modbus Modbus communication	AEG  stoles  reset  menual auto	GT-Rating Plug  LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup> Diagnostic  Input/Output	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I²t protection time bands available Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog 2 electronic inputs 2 general relay outputs  Ground fault setting 0,1 1In Time delay adjustable 30 840ms	GTG00K9-4SF <sup>1</sup>	408813
Modbus Modbus communication	AEG  stokes reser  mencal outo	GT-Rating Plug  LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup> Diagnostic  Input/Output  GF protection	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory  Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I²t protection time bands available  Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog 2 electronic inputs 2 general relay outputs  Ground fault setting 0,1 1In Time delay adjustable 30 840ms I²t protection time bands available	GTG00K9-4SF <sup>1</sup>	408813
	AEG  stokes reser  mencal outo	LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup> Diagnostic  Input/Output  GF protection	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory  Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I²t protection time bands available  Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog 2 electronic inputs 2 general relay outputs  Ground fault setting 0,1 1In Time delay adjustable 30 840ms I²t protection time bands available Istantaneous short circuit setting 2 30Ie	GTG00K9-4SF <sup>1</sup>	408813
GT-Rating Plug (required for all types) GTPUNI 408860	AEG strikus repet repet mencal outo	GT-Rating Plug  LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup> Diagnostic  Input/Output  GF protection  I extended protection  ZSI	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I*t protection time bands available Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog 2 electronic inputs 2 general relay outputs  Ground fault setting 0,1 1In Time delay adjustable 30 840ms I*t protection time bands available Istantaneous short circuit setting 2 30Ie Zone selective interlock	GTG00K9-4SF <sup>1</sup>	408813
	AEG  stokes reset menual outo	GT-Rating Plug  LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup> Diagnostic  Input/Output  GF protection  I extended protection  ZSI	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I*t protection time bands available Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog 2 electronic inputs 2 general relay outputs  Ground fault setting 0,1 1In Time delay adjustable 30 840ms I*t protection time bands available Istantaneous short circuit setting 2 30Ie Zone selective interlock	GTG00K9-4SF <sup>1</sup>	408813
	AEG stotus recest reset reset recest	GT-Rating Plug  LT protection  ST protection  I protection  RELT  Measurament <sup>2</sup> Diagnostic  Input/Output  GF protection  I extended protection ZSI Modbus	(required for all types)  GT-N  Class C 0,5 40  Neutral protection (50%-63%-100%) Thermal memory Short-circuit setting 1,5 12Ir Time delay adjustable 30 940ms I*t protection time bands available Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection  Istantaneous 40ms Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency Trip reason indication Trip counter Event logger Watchdog 2 electronic inputs 2 general relay outputs  Ground fault setting 0,1 1In Time delay adjustable 30 840ms I*t protection time bands available Istantaneous short circuit setting 2 30Ie Zone selective interlock Modbus communication	GTG00K9-4SF1	408813



Electronic Trip Units	_		_	_	
Liectionic Trip office		Description	Catalogue number	Reference number	
AEG	LT protection	Overload current setting Ir=0,2 1In Class C 0,5 40 Fuse typetime bands available Inverse time current curve Neutral protection (50%-63%-100%) Thermal memory	GTG00N5T8SR	408849	
↑ → manual souts	ST protection	Short-circuit setting 1,5 12Ir Possibility to Switch Time delay adjustable 30 940ms I²t protection time bands available			
Embellinary 6 T	I protection	Istantaneous short circuit setting 2 15Ie Selective execution Fixed istantaneous or HSOC protection			
	RELT	Istantaneous 40ms			
	Measurement <sup>1</sup>	Current L1, L2, L3 Voltage L1, L2, L3 Energy (kWh) Real, apparent, reactive, total power Peak and demand power Frequency			
	Diagnostic	Trip reason indication Trip info (Magnitude/Phase) Waveform capture Trip counter Relay basedon current level Good and Bad health indicator Event logger Watchdog			
	Input/Output	2 electronic inputs 2 general relay outputs			
	Protezioni con relè	Voltage unbalance Undervoltage Overvoltage Current unbalance Power reversal			
	GF protection	Available GF-sum or GF-ct (ground return) Ground fault setting 0,1 1In Time delay adjustable 30 840ms I²t protection time bands available			
	ZSI	Zone selective interlock			
	Modbus	Modbus communication			
+	Canale I extended	Istantaneous short circuit setting 2 30Ie	GTG00N7T8SR	408851	
+	Profibus	Profibus communication (to replace the modbus)	GTG00N5T9SR	408853	
+	I extended protection Profibus	Istantaneous short circuit setting 2 30Ie Profibus communication (to replace the modbus)	GTG00N7T9SR	408855	
	GT-Rating Plug	(required for all types)	GTPUNI	408860	
	GT Trip Unit with no protection	(for Non-automatic types)	G3G00KA-SR	408796	
1) For the measurement package is ob	     bligatory an auxiliary pow	er conditioner			



essories for Tr			
	Descriziption	Catalogue number	Reference number
	Power Supply <sup>1</sup>	Humber	Humber
	Conditioning Power Supply 1 Phase 220-230V	GMPU1	408790
	Conditioning Power Supply 1 Phase 380-400V	GMPU2	408791
****	Conditioning Power Supply 1 Phase 240-250 / 277-290 / 415V	GMPU3	408792
	Conditioning Power Supply 1 Phase 240-250 / 277-290 / 415V Power supply - Input 100-240V AC or 100-353V DC - Output 24V DC 0,6A	GAPU	408789
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icu.			
	Sealable transparent front cover		
	Trip Unit, sealable transparent front cover	GTUS	408046
66			
	Batter Tester and Set up unit		
	Trip Unit Battery Tester snd Set up unit	GTUTK20	407999
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	ioning measurement unit is required		

		For ME	10-T and ME10-1		For ME10-2		For ME10-3
		Cat. number	Ref. number	Cat. number	Ref. number	Cat. number	Ref. number
			Rogowski Coils	1			
	400A	G04HNRC	408000	G04HNRC	408000		
	630A	G07HNRC	408001	G07HNRC	408001		
	800A	G08HNRC	408002	G08HNRC	408002		
10	1000A	G10HNRC	408003	G10HNRC	408003		
	1250A	G13HNRC	408004	G13HNRC	408004		
	1600A	G16HNRC	408005	G16HNRC	408005		
	2000A	G20HNRC	408006	G20HNRC	408006		
	2500A			G25MNRC	408162		
	3200A			G32LNRC	408186	G32LNRC	408186
	4000A			G40LNRC	408187	G40LNRC	408187
	5000A					G50LNRC	408188
	6400A					G64LNRC	408189
			arth leg Current Trans				
	400A	G04HNCT	408300	G04HNCT	408300		
4	630A	G07HNCT	408301	G07HNCT	408301		
1	800A	G08HNCT	408302	G08HNCT	408302		
	1000A	G10HNCT	408303	G10HNCT	408303		
	1250A	G13HNCT	408304	G13HNCT	408304		
	1600A	G16HNCT	408305	G16HNCT	408305		
	2000A	G20HNCT	408306	G20HNCT	408306		
	2500A			G25MNCT	408322		
	3200A			G32LNCT	408331	G32LNCT	408331
	4000A			G40LNCT	408332	G40LNCT	408332
	5000A				<u> </u>	G50LNCT	408333
	6400A					G64LNCT	408334



	Rated voltage		For ME10-T		For ME10-1	For ME	10-2 and ME10
		Cat. number	Ref. number	Cat. number	Ref. number	Cat. number	Ref. number
	24-30V DC	GMT0024DR	444641	GM01024DR	407701	GM02024DR	407726
	48V DC	GMT0048DR	444642	GM01048DR	407703	GM02048DR	407728
	60V DC	GMT0060DR	444643	GM01060DR	407705	GM02060DR	407730
	110-130V DC	GMT0110DR	444644	GM01110DR	407707	GM02110DR	407732
	250V DC	GMT0250DR	444646	GM01250DR	407709	GM02250DR	407734
	48V AC	GMT0048AR	444647	GM01048AR	407711	GM02048AR	407736
10	110-130V AC	GMT0120AR	444648	GM01120AR	407713	GM02120AR	407738
7. 二维	220-240V AC	GMT0240AR	444649	GM01240AR	407715	GM02240AR	407740
	380-415V AC	GMT0400AR	444650	GM01400AR	407717	GM02400AR	407742
	440V AC	GMT0440AR	444651	GM01440AR	407719	GM02440AR	407744
			<u> </u>				

	Rated voltage		Closing Coil	Comn	Command Closing Coil 1		
		Cat. number	Ref. number	Cat. number	Ref. number		
-	24V DC	GCCN024DR	407860	GCCC024DR	407835		
	48V AC-DC	GCCN048R	407862	GCCC048R	407837		
	60V DC	GCCN060DR	407864	GCCC060DR	407839		
d	110-130V AC-DC	GCCN120R	407866	GCCC120R	407841		
	220-240V AC-DC	GCCN240R	407868	GCCC240R	407843		
	277V AC; 250V DC	GCCN277R	407871	GCCC277R	407850		
3	380- 415V AC	GCCN400AR	407876	GCCC400AR	407851		
	440V AC	GCCN440AR	407879	GCCC440AR	407854		

Undervoltage Releases and Shunt Trips								
	Rated voltage		Undervoltage		Shunt			
		Cat. number	Ref. number		Cat. number	Ref. number		
	24V DC	GUVT024DR	407796		GSTR024DR	407771		
and the same of th	48V AC-DC	GUVT048R	407798		GSTR048R	407773		
	60V DC	GUVT060DR	407800		GSTR060DR	407775		
	110-130V AC-DC	GUVT120R	407802		GSTR120R	407777		
	220-240V AC-DC	GUVT240R	407804		GSTR240R	407779		
	277V AC; 250V DC	GUVT277R	407806		GSTR277R	407781		
	380- 415V AC	GUVT400AR	407808		GSTR400AR	407783		
	440V AC	GUVT440AR	407810		GSTR440AR	407785		

Time delay module for	undervoltage i	release			
	Rated voltage	Description	Cat. number	Ref. number	
	60V DC	Adjustable time delay 0 3 sec.	GTDM060D	407817	
	110-130V DC		GTDM120D	407819	
12	220-240V DC		GTDM240D	407821	
	250V DC		GTDM250D	407823	
	48V AC		GTDM048A	407816	
	110-130V AC		GTDM120A	407818	
Name of the second	220-240V AC		GTDM240A	407820	
0	250-277V AC		GTDM277A	407822	
	380- 415V AC		GTDM400A	407824	
	440V AC		GTDM440A	407825	

Positive security fail s	safe electrical ir	nterblock <sup>1</sup> (as al	ternative to n	nechanical interlock)
	Rated voltage	Description	Per ME10	)-1, ME10-2 e ME10-3
			Cat. number	Ref. number
	110-130V AC-DC	Double interlock coil system with positive security fail safe control	GNTK120	407753
	220-240V AC-DC	Double interlock coil system with positive security fail safe control	GNTK240	407754
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(3)				
1) Only factory mounted			•	,



Remote Reset Coil 1									
	Rated voltage	Description	For ME10-	ME10-3					
			Cat. number	Ref. number					
-	24V DC	Manual remote Reset OFF the breaker after a trip	GRRC024D	407760					
	110V AC-DC	Manual remote Reset OFF the breaker after a trip	GRRC110	407762					
	230V AC-DC	Manual remote Reset OFF the breaker after a trip	GRRC230	407764					
1) Only factory mounted									

Auxiliary Contacts									
	Description		For ME10-T			For ME10-1, ME10-2 and ME10-3			
		Cat. number	Ref. number		Cat. number	Ref. number			
	3NO+3NC power rated <sup>1</sup>	GTAS3R	444658		GAUX3R	407880			
	4NO+4NC power rated	GTAS4R	444659						
	8NO+8NC power rated				GAUX6R	407882			
13.00	3NO+3NC power rated + 2NO+2NC signal rated				GAUX5R	407881			
100	4NO+4NC power rated + 4NO+4NC signal rated				GAUX8R	407883			
A K K K K									
1) Delivered as standard option in all	ME10 breakers and isolators								

Bell Alarm Contact									
	Description	For ME10-T			For ME10-1, ME10-2 and ME10-3				
		Cat. number	Ref. number		Cat. number	Ref. number			
	The contact indicates that the Breaker has	GTBAT1R	444672		GBAT1R	407889			
	tripped due to a fault detected by the Trip	GTBATS1R	444673		GBATS1R				
	Unit								
0									
<b>I</b>									

	Description		Power rated		Signal rated
		Cat. number	Ref. number	Cat. number	Ref. number
-	Release indication contact <sup>1</sup>	GCSP1R	407915		
	Ready to close 1NO	GRTC1		GRTC2	407899
100	Ready to close 1NC	GRTC4	407911	GRTC5	407912
	Ready to close 1NO <sup>2</sup>			GRTC3	407894
	Ready to close 1NC <sup>2</sup>			GRTC6	407913
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Position Indication Contacts Cassette								
	Description	For ME10-T			For ME10-1, ME10-2 and ME10-3			
	С	Cat. number	Ref. number		Cat. number	Ref. number		
	100	GTCPS1R	444791		GCPS1R	407924		
	2CO	GTCPS2R	444793		GCPS2R	407925		
	2CO: 1NO+1NC power rated 1NO+1NC signal rated	GTCPSAR	444795					



	Туре	Ir	Interlock Scheme			Fixed Pattern		Draw-out
		Brk. 1	Brk. 2	Brk. 3	Cat. number	Ref. number	Cat. number	Ref. number
	Α	OFF	OFF		GTI2FAD	444675	GTI2WAD	444676
		ON	OFF		for each		for each	
/		0FF	ON		breaker		breaker	
	В	0FF	OFF	OFF	GTI3FB	444677	GTI3WB	444678
5		ON	OFF	OFF	for each		for each	
		0FF	ON	0FF	breaker		breaker	
		0FF	OFF	ON				
	C	0FF	OFF	OFF	GTI3FC	444679	GTI3WC	444680
		ON	OFF	OFF	for each		for each	
		OFF	OFF	ON	breaker		breaker	
		OFF	ON	OFF				
		ON	ON	OFF				
		OFF	ON	ON				
		ON	0FF	ON				
	D	0FF	OFF	OFF	GTI2FAD	444675	GTI2WAD	444676
		ON	OFF	OFF	for breaker		for breaker	
		OFF	OFF	ON	1 and 3		1 and 3	
		ON	OFF	ON				
		OFF	ON	OFF	GTI3FDT	444681	GTI3WDT	444682
			[		for breaker 2		for breaker 2	

Pre-assembled interlock	ks fo	r ME10	-1, ME1	0-2 and	ME10-3				
Tip	ро	Int	terlock Schen	ne	į.	ixed pattern		Draw-out	
		Int. 1	Int. 2	Int. 3	Cat. number	Ref. number	Cat. number	Ref. number	
A		0FF	OFF		GI2FAD	407900	GI2WAD	407901	
		ON	OFF		for each		for each		
1		0FF	ON		breaker		breaker		
В		0FF	0FF	0FF	GI3FB	407902	GI3WB	407903	
5	ļ	ON	0FF	0FF	for each		for each		
		OFF	ON	0FF	breaker		breaker		
		0FF	0FF	ON					
C		0FF	0FF	0FF	GI3FC	407904	GI3WC	407905	
		ON	0FF	0FF	for each		for each		
		0FF	0FF	ON	breaker		breaker		
	-	0FF	ON	0FF					
		ON	ON	0FF					
		0FF	ON	ON					
		ON	0FF	ON					
   D		 0FF	OFF	0FF	GI2FAD	407900	 GI2WAD	407901	
		ON	OFF	OFF	for breaker	407900	for breaker	40/901	
		OFF	OFF	ON OF	1 and 3		1 and 3		
	-		0FF	ON	I allu 3		1 allu 3		
	-	ON OFF	ON	OFF	GI3FDT	407906	GI3WDT	407907	
	-				for breaker 2	407900	for breaker 2	407907	
	-				ioi bicakei Z		ioi bicakei Z		

Field mountable cab	les for	interlocking of breakers ¹				
	Туре	Interlock scheme	Lenght	Catalogue	Reference	
	"			number	number	
	Α	1 cable for breaker	1 m	GCB1	407990	
	В	2 cables for breaker	1,5 m	GCB2	407991	
	С	2 cables for breaker	2 m	GCB3	407992	
	D	Breakers 1 and 3: 1 cable for breaker	2,5 m	GCB4	407993	
		Breakers 2: 2 cables for breaker	3 m	GCB5	407994	
			3,5 m	GCB6	407995	
			4 m	GCB7	407996	
				ļ		
				<b></b>		
				+		
				<b>+</b>		
				<del> </del>		
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1) Breakers 1 and 2 choose 1 cable	e, breaker 2 o	choose 2 cables		I.	l	



Locking Systems					
	Description		For ME10-T	For ME10-	1, ME10-2 and ME10-3
		Cat. number	Ref. number	Cat. number	Ref. number
	Locking Mechanism	n mounted on b	oreaker		
a	Ronis device allow 1 to 4 locks to be placed	GTBRON	444666	GBRONR	407968
<b>R</b>	Castell device 1			GBCASR	407967
200	Profalux device allow 1 to 4 locks to be placed	GTBPRO	444665	GBPROR	407979
9					
G.					
I) The locks must be purchased	l as separate items (see below)  Locking Mechanism				
				GCRONR	/0707/
	Ronis 2 devices for 2 locks are possible Profalux 2 devices for 2 locks are possible	GTCRON GTCPRO	444669 444668	GCRONK	407974 407981
Pr	Profalux 2 devices for 2 locks are possible	GICPRU	444008	GLPRUK	40/981
06			-		l
0660			<del> </del>		<del> </del>
			·		l
			-		
) The locks must be nurchased	l as separate items (see below)				1
The toeks must be parenased		ated Locks			
	Ronis 1104 Lock	GRON	407985	GRON	407985
_	Castell FS1 Lock	GCAS	407986	GCAS	407986
	Profalux B204Y Lock	GPRO	407987	GPRO	407987
( )					
(0)					
<u> </u>					

Wall Mounting Brad	kets			
		For MI	10-1 and ME10	)-2
		Cat. number	Ref. number	
F-10		GFMTG	408085	
4				
l i				

Operation							
	Description		For ME10-T		For ME10-	1, ME10-2 and	ME10-3
		Cat. number	Ref. number		Cat. number	Ref. number	
	Front Fac						
	GPBD	408040					
Description For ME10-T For ME1							
Description  For ME10-T  Cat. number   Ref. number    Front Facia of Breaker    GTPBD   444667    Operation Indicators    Operation Indicators    Mis insertion device   GREPM   408041							
	Орегало	III IIIUICALOIS					
						100050	
Sept.							
	Mis insertion device	GREPM	408041		GREPM	408041	
•							
The second second							
20 6 6							



Description					
	For ME10-T   For ME10-1, ME10-2 And ME10-3		ME10-3		
		Ref. number	Cat. number	408025 408025 408026 408038	
		·			
Draw-out	GTPRW	444806	GDPRW	408026	
Cat. number   Cat. number   Cat. number   Ref. number					
		(00000	CE ( DD	/00020	
	G54DK	408038	G54DK	408038	
		·····			
	Door Interlock				
Left	-	444256	GLHD	408039	
Righ	GTRHD	444257	GRHD	408042	
		ļ			
		ļ			
Door Escutcheon IP54   G54DR					
) Is a spare, these devices are always supplied with the standard	devices				

Lifting Breakers						
	For	ME10-1 and ME10	0-2		For ME10-3	
	Cat. number	Ref. number		Cat. number	Ref. number	
	GLTK	408045		GLTA	408049	
For ME10-1 and ME10-2   For ME10-3						

Counters				
	Description	Catalogue number	Reference number	
	Number of operations			
00000				
, 00000				

Phase separators								
	Description		For ME10-T		For ME10-1, ME10-2 and ME10-3			
		Cat. number	Ref. number		Cat. number	Ref. number		
	Set of 9 phase separators for 1000V <sup>1</sup>	GTJP	444255		GJP	408057		
l Y								
1) Universal set including 3 pcs for MI	1 10-1 and ME10-2 fixed, 3 pcs for ME10-1 and M	NE10-2 draw-out	and 3 pcs forME1	0-3				

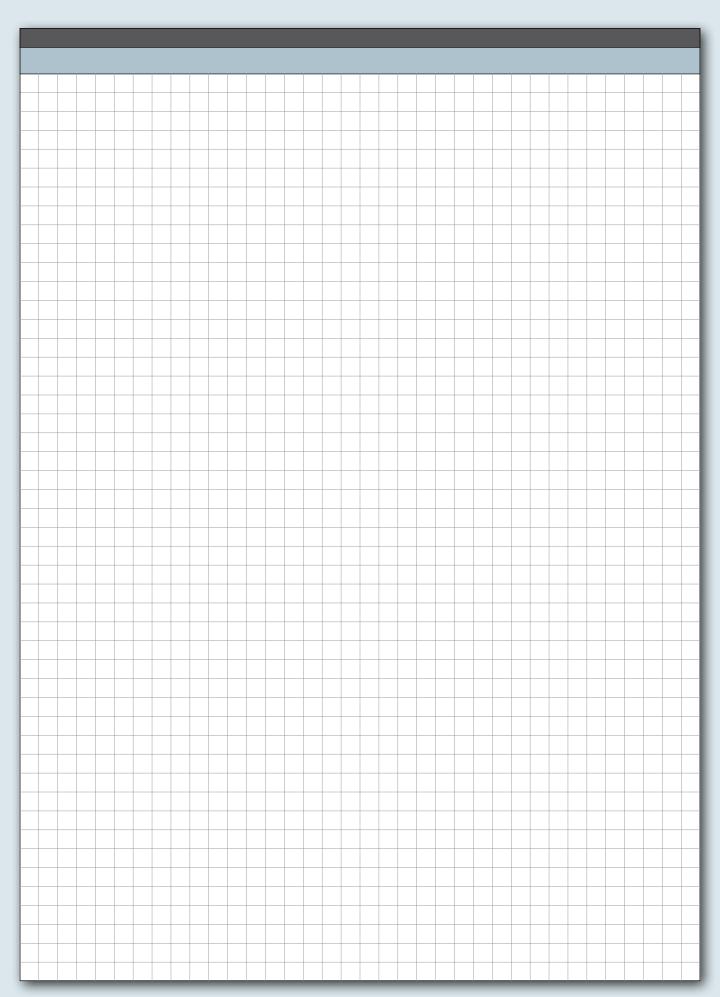
Breaking Earthing Dev	vice for service	?					
	For Breaker	Description		3 Poles		4 Poles	
			Cat. number	Ref. number	Cat. number	Ref. number	
	ME10-1	Maximum 1600A	G16H4ED	407930	G16H6ED	407931	
		Maximum 2000A	G20H4ED	407932	G20H6ED	407933	
٠.,					 		
	ME10-2	Maximum 4000A	G40M4ED	407934	 G40M6ED	407935	
	ME10-3	Maximum 6400A	G64M4ED	407936	 G64M6ED	407937	



Spare Parts	D 11											
	Description	Cat. num.	r ME10-T Ref.num.		Cat. num.	r ME10-1 Ref.num.		Cat. num.	r ME10-2 Ref.num.		or ME10-3 Ref.num.	
		GT16KCHT			r Arc Chute			G40MCHT				
		GITOKCHI	444801		G20HCHT	408102		G4UMCHI	408131	GO4LCHI	408144	
•												
	Kit 1P - R, K types	GT16KARC		eaker Fixe	ed Arcing Co							
	Kit 1P - S, N types Kit 1P - H type				G20NARC G20HARC	408104 408098						
	Kit 1P - E, N types							G40NARC				
	Kit 1P - H, M types Kit 1P - L type							G40MARC	408169	G64LARC	408193	
				Casset	tes Shutter	5						
	System with interlock 3P	GT16N2SSL	444253		G20H2SSL	407606		G40M2SSL	407636	G64L2SS	L 407679	
P.		CT4 CNFCC	///05		Cacheca			C/OUECC:	/07/27	6611855	/07/00	
K	System with interlock 4P	GT16N5SSL	444254		G20H5SSL	40/607		G40M5SSL	40/637	G64L5SS	40/680	
	I	GHRN	408043	Cassette	Racking Har GRHN	ndle 408043		GRHN	408043	GRHN	408043	
0												
	Breaker Front	Facia Part (	(the orig	inal break	ker serial nu	ımber m	ust be ind	icated on o	rdering)			
	Front Facia	GTFAL	444804		GFA4	408028		GFA4	408028	GFA4	408028	
	Set of 4 spare lock,				GRONCS	407984		GRONCS	407984	GRONCS	407984	
1.	RONIS											
	In 400-1600A	GT16KCLS	444800	Cassette (	Cluster Cont	acts						
	In 400-1250A				G13HCLS	408097						
3 3 3 3 3 3 3 3 7	In 1600A In 2000A				G16HCLS G20HCLS	408100 408103						
6 1/	In ≥2000A In 2500A			ļ		ļ		G20MCLS G25MCLS	408106 408109			
a series and a series of	In 3200A							G32MCLS	408117			
<b>₹</b> A	In 4000A In 5000A							G40MCLS	408120	G50LCLS		
	In 6400A			ļ		<b>.</b>				G64LCLS	408148	
	Universal Pliers	GUNI	408047		GUNI	408047		GUNI	408047	GUNI	408047	
	F. F. 12 1			assette Sp	are Auxilia		nect plug		/000=		/005==	
	For Fixed Breaker 1 39 pole set	GSDFTR1	408052		GSDFTR1	408052		GSDFTR1	408052	GSDFTR1	408052	
125555	For Fixed Breaker				GSDFT2	408029		GSDFT2	408029	GSDFT2	408029	
18 18 18 18 18 18 18 18 18 18 18 18 18 1	1 78 pole set									335112		
Tarana Andreas	For Draw-out	GSDWTR	408054		GSDWTR	408054		GSDWTR	408054	GSDWTR	408054	
	Breaker 1 39 pole set										-	
	2 22 2010 301											
			l									

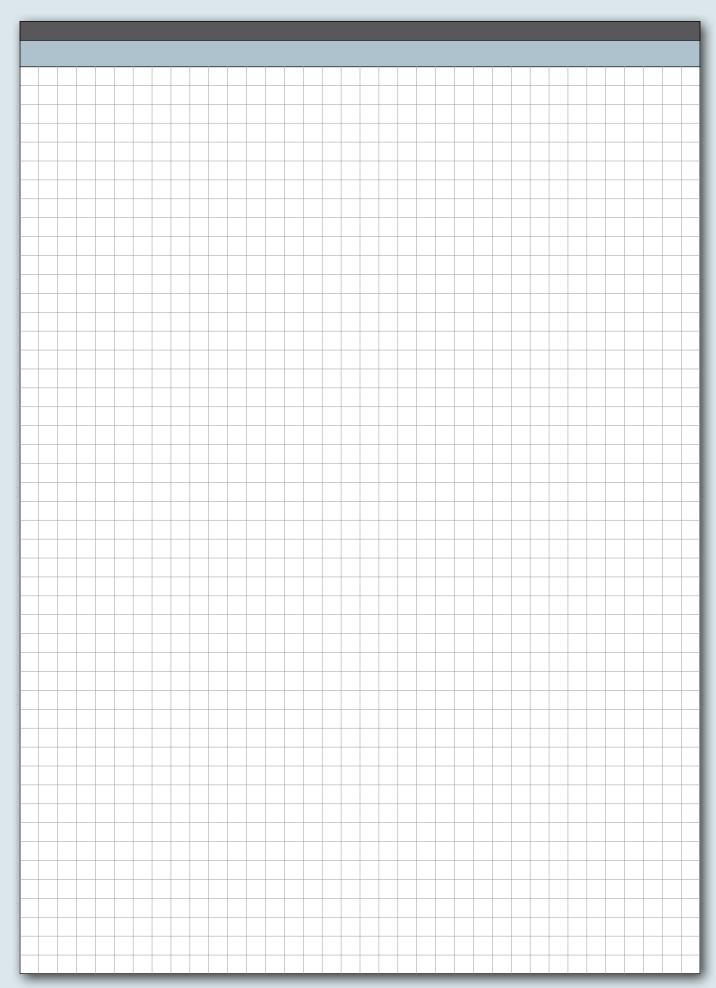


## Note





## Note





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